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DESCRIPTORS: *Heat resistant alloys, *Fracture
(Mechanics), Reaction kinetics, Creep, Metals, Me-
chanical properties, Alloys

The method of vacuum metallography showed that,
under conditions of creep, in nickel-chromium
base heat-resisting alloys microcracks appear within
30-50% of the service life of the specimen, along grain
boundaries located at right angles to the tensile
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